

SECTION 09800 - SPECIAL COATINGS

A. SUMMARY

1. Special Coatings for Exterior Use:
 - a. Two-component, polyamide-epoxy, coal-tar coating.
 - b. Chlorinated rubber coating.
 - c. Moisture-curing, pigmented, polyurethane finish.
 - d. Silicone-alkyd gloss enamel coating.
 - e. Heat-resistant, black, enamel coating.
 - f. Heat-resistant coating.
 - g. Two-component, pigmented, aliphatic, polyurethane coating.
 - h. Silicone, acrylic coating.
2. Special Coatings for Interior Use:
 - a. Two-component, high-performance, polyamide-epoxy coating.
 - b. Polyester-epoxy coating.
 - c. Pigmented, aliphatic, polyurethane coating.
 - d. Two-component, epoxy emulsion.
3. Substrates: [**Cementitious materials**] [**Wood**] [**Ferrous metal**] [**Nonferrous metal**].

B. QUALITY ASSURANCE

1. Field samples to establish required sheen, color, and texture.

C. FIELD QUALITY CONTROL

1. Testing Agency: Contractor employed.

D. EXTERIOR COATING SCHEDULE

1. Concrete:
 - a. Two-Component, Polyamide-Epoxy, Coal-Tar Coating: Two coats over bond coat.
 - b. Chlorinated Rubber Coating: One coat over bond coat.
2. Concrete Masonry:
 - a. Moisture-Curing, Pigmented Polyurethane: Two coats over block filler.
 - b. Chlorinated Rubber Coating: Two coats over block filler.
3. Wood:
 - a. Two-Component, Polyamide-Epoxy, Coal-Tar Coating: Two coats over bond coat.

4. Ferrous Metal:

- a. Two-Component, Polyamide-Epoxy, Coal-Tar Coating: Two coats.
- b. Chlorinated Rubber Coating: Two coats over metal primer.
- c. Silicone-Alkyd Gloss Enamel: Two coats over metal primer.
- d. Heat-Resistant, Black, Enamel Coating: Two coats over metal primer.
- e. Heat-Resistant Coating: Two coats.

E. INTERIOR SPECIAL COATING SCHEDULE

1. Concrete:

- a. High-Performance, Polyamide-Epoxy Coating: Two coats.
- b. High-Gloss, Polyester-Epoxy Coating: One coat over pigmented sealer.
- c. Pigmented, Polyurethane Coating: One coat over base coat.
- d. Epoxy Emulsion Coating: One coat over block filler or epoxy emulsion.

2. Concrete Masonry Units:

- a. High-Performance, Polyamide-Epoxy Coating: Two coats over block filler.
- b. High-Gloss, Polyester-Epoxy Coating: One coat over block filler.
- c. Pigmented, Polyurethane Coating: Two coats over block filler.
- d. Two-Component, Epoxy Emulsion Coating: Two coats over block filler.

3. Wood:

- a. High-Performance, Polyamide-Epoxy Coating: Two coats.
- b. High-Gloss, Polyester-Epoxy Coating: One coat over base coat.
- c. Pigmented, Polyurethane Coating: One coat over base coat.
- d. Two-Component, Epoxy Emulsion Coating: One coat over base coat.

4. Ferrous Metals:

- a. High-Performance, Polyamide-Epoxy Coating: Two coats over metal primer.

END OF SECTION 09800